

Title (en)

UNLOCKING METHOD FOR ELECTRONIC CIGARETTE, UNLOCKING SYSTEM, STORAGE MEDIUM AND UNLOCKING DEVICE

Title (de)

ENTRIEGELUNGSVERFAHREN FÜR ELEKTRONISCHE ZIGARETTE, ENTRIEGELUNGSSYSTEM, SPEICHERMEDIUM UND ENTRIEGELUNGSVORRICHTUNG

Title (fr)

PROCÉDÉ DE DÉVERROUILLAGE POUR CIGARETTE ÉLECTRONIQUE, SYSTÈME DE DÉVERROUILLAGE, SUPPORT D'INFORMATIONS ET DISPOSITIF DE DÉVERROUILLAGE

Publication

EP 3610739 A1 20200219 (EN)

Application

EP 18198070 A 20181002

Priority

CN 201810941989 A 20180817

Abstract (en)

The present invention discloses an unlocking method for electronic cigarette based on face recognition, comprising the steps of: acquiring user image information, extracting facial feature information in user image information, analyzing the age of the user according to the facial feature information; determining whether the age of the user is within a preset age range; and if the user is within a preset age range, generating an instruction of unlocking an electronic cigarette. The present invention further discloses a face recognition-based electronic cigarette unlocking system, a mobile terminal, a computer readable storage medium, an electronic cigarette and a computer readable storage device. The present invention effectively improves the fun of the control method of the electronic cigarette. At the same time, the inadequacies that the current control method of electronic cigarettes is original and the use of electronic cigarettes cannot be limited for minors are solved.

IPC 8 full level

A24F 47/00 (2020.01)

CPC (source: CN EP US)

A24F 40/53 (2020.01 - EP); **G06F 21/32** (2013.01 - CN); **G06V 40/168** (2022.01 - CN); **G06V 40/172** (2022.01 - CN US); **H04W 12/06** (2013.01 - EP); **A24F 40/49** (2020.01 - EP); **A24F 40/65** (2020.01 - EP); **G06F 21/32** (2013.01 - US); **G06V 40/178** (2022.01 - CN US)

Citation (applicant)

CN 107480621 A 20171215 - SHENZHEN INST INFORMATION TECH

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 18198070 A 20181002; CA 3020139 A 20181009; CN 201811302543 A 20181102; US 201816143420 A 20180926